



CONSULTANTS • ENGINEERS • STRATEGISTS

Quarterman Lee



Quarterman Lee has been a trusted advisor to business and industrial clients for more than 23 years. Prior positions at Ford Motor Company, Rockwell-International, McDonnell-Douglas and Crown- Zellerbach provided broad experience in Plant Engineering, Product Engineering and Management. Mr. Lee has authored more than 200 articles, books, papers and training programs. He holds a B.S. in Mechanical Engineering from Purdue University.

Since his first Plant Layout at Ford Motor Company in 1964, Quarterman Lee has designed factories in many industries, including automobile, paper, electronics, printing, warehousing, plastics, foundry, metalworking and assembly. These layouts and designs have reduced space, improved material flow and made new products.

He has prepared Master Site Plans for facilities, which will sustain their growth for decades. He has made important contributions to the plant layout field.

Facilities Planning and Workplace Design is Mr. Lee's latest book on facility planning. He previously co-authored McGraw-Hill's Handbook of Commercial and Industrial Facilities Management.

His current work-in-progress is titled Practical Workcells. Cellular Manufacturing and related topics such as Group Technology (GT) have had a special interest. He participated in the early computerization of GT. He has helped many clients transition to Cellular Manufacturing with significant benefits in manufacturing performance. Using computer simulation,

Mr. Lee helps optimize material systems, manufacturing systems, workcells and other processes. Mr. Lee is widely known for his work in Manufacturing Strategy, Just-In-Time, and Business Process Re-Engineering. He bridges the gap between the Marketing and Manufacturing functions of business. Time-Based Competition, perhaps the ultimate competitive advantage, is the logical culmination of much this work. Group Technology, Focused Manufacturing, Total Quality, Just-In-Time.... All are prerequisites to compete on the dimension of time.

He assists clients in accelerating their product development cycle as part of a TBC initiative. Mr. Lee holds US Patent #4,420,03 for his innovative design of a commercial glasswashing machine. This machine is still in production more than twelve years after its introduction.

Published Papers & Books

LEE, QUARTERMAN, "Facilities and Workplace Design- An Illustrated Guide", Engineering & Management Press, Atlanta, GA, October 1996
LEE, QUARTERMAN, "Reengineering Through Facility Layout", IIE, Institute of Industrial Engineers, Minneapolis, MN, May 19, 1996

LEE, QUARTERMAN, "Cellular Manufacturing", IIE, Institute of Industrial Engineers, Nashville, TN, May 21, 1995.

LEE, QUARTERMAN, "Kanban Scheduling- Effective, Simple, Demanding", IIE, Institute of Industrial Engineers, Nashville, TN, May 21, 1995

3916 Wyandotte • Kansas City Missouri 64111 • 816-931-1414

www.strategosinc.com



CONSULTANTS • ENGINEERS • STRATEGISTS

WRENNALL, WILLIAM, AND LEE, QUARTERMAN, Handbook of Commercial and Industrial Facilities Management, McGraw Hill, August 1993.

LEE, QUARTERMAN, "Capacity Strategies For The 21st Century", Managing Technology Today, Vol. 2, No. 3, July/August, 1993.

WRENNALL, WILLIAM, AND LEE, QUARTERMAN, "Business Restructuring An Integrated Productivity Improvement Approach", Eighth World Productivity Congress, Stockholm, Sweden May 23-27, 1993.

WRENNALL, WILLIAM AND LEE, QUARTERMAN, "Why Strategy Wins Business Wars", Managing Technology Today, Vol. 2, No. 3, May/June 1993.

LEE, QUARTERMAN, "How To Organize For World-Class Manufacturing", Managing Technology Today, Vol. 2, No. 2, March/April, 1993.

LEE, QUARTERMAN, "Focus For Time Based Competition", Managing Technology Today, Vol. 2, No. 1, January/February, 1993.

WRENNALL, WILLIAM, AND LEE, QUARTERMAN, "Manufacturing Workcells--Designing The Socio-Techno System", Managing Technology Today, Vol. 1, No. 4, November/December, 1992.

LEE, QUARTERMAN, "How To Optimize Manufacturing Focus", Managing Technology Today, Vol. 1, No. 5, September/October, 1992. LEE, QUARTERMAN, "Cybernetics, Servos and Guided Missiles", SME, Society of Manufacturing Engineers, Time-Based Competition: Effective Time-Based Strategies for Competitive Manufacturing, Detroit, MI, September 24, 1992.

WRENNALL, WILLIAM, AND LEE, QUARTERMAN, "Why Change Programs Don't Work", Managing Technology Today, Vol. 1, No. 2 July/August, 1992.

LEE, QUARTERMAN, "Manufacturing Work Cell Design: Getting It Right -- Step By Step", IIE, Institute of Industrial Engineers, Chicago, IL, May 19, 1992.

WRENNALL, WILLIAM, AND LEE, QUARTERMAN, "Time-Based Competitiveness Through Organizational Agility", Managing Technology Today, Vol. 1, No. 1 May, 1992.

LEE, QUARTERMAN, "Integrated Plant Layout For JIT & World Class Manufacturing", IIE International Engineering Management Conference Proceedings, Orlando, FL, October, 1991.

LEE, QUARTERMAN, "Cybernetics, Servos and Guided Missiles", SME, Society of Manufacturing Engineers, Time Based Competition Clinic, Detroit, MI, October, 1991.

LEE, QUARTERMAN, "Reconfiguring a Warehouse for JIT Operations", SME, Society of Manufacturing Engineers, Schaumburg, IL, November, 1991.

LEE, QUARTERMAN, "Computer Simulation Improves Production Control For Plastics Firm", Management Services, Vol. 35, Number 5, May, 1991 pg. 14.

WRENNALL, WILLIAM, AND LEE, QUARTERMAN, "Manufacturing Focus For Strategic Advantage", IIE, Integrated Systems and CIM Conferences, San Antonio, Texas - October 28-31, 1990.